



<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <small>(Only for nonprovisional applications under 37 CFR § 1.53(b))</small>		Attorney Docket No. <b>501321.01</b> First Inventor or Application Identifier <b>J seph M. Jedd loh</b> Title <b>SYSTEM AND METHOD FOR ON-BOARD TIMING MARGIN TESTING OF MEMORY MODULES</b> Express Mail Label No. <b>EL 646070300 US</b>	September 12, 2003  22388 U.S. PTO 10/660844 09/12/03
<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> Fee Transmittal Sheet (+ copy) <small>(Submit an original and a duplicate for fee processing)</small> 2. <input type="checkbox"/> Applicant(s) Claim(s) Small Entity Status 3. <input checked="" type="checkbox"/> Specification [Total Pages] <b>33</b> <small>(preferred arrangement set forth below)</small> - Descriptive Title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets] <b>3</b> 5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages] <b>1</b> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) 6. <input checked="" type="checkbox"/> Application Data Sheet (37 C.F.R. 1.76)		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer-Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies <b>ACCOMPANYING APPLICATION PARTS</b> 9. <input type="checkbox"/> Certification Under 35 U.S.C. 122(b)(2)(B)(i) 10. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 11. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney 12. <input type="checkbox"/> English Translation Document (if applicable) 13. <input type="checkbox"/> Preliminary Amendment Total Pages ____ 14. <input checked="" type="checkbox"/> Return Receipt Postcard 15. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 16. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 17. <input checked="" type="checkbox"/> Other: <u>Certificate of Express Mail</u> <u>Check</u>	
18. If a <b>CONTINUING APPLICATION</b> , check appropriate box and supply the requisite information below and in a preliminary amendment <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-In-Part (CIP) of prior Application No.: _____ Filed _____ Prior application information: Examiner _____ Group / Art Unit _____ <input type="checkbox"/> <b>Incorporation By Reference</b> (useable if box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.			
<b>CORRESPONDENCE ADDRESS</b>			
<div style="display: flex; justify-content: space-between;"> <div> <b>Edward W. Bulchis, Esq.</b>  <b>Dorsey &amp; Whitney LLP</b>            1420 Fifth Avenue, Suite 3400            Seattle, Washington 98101-4010            (206) 903-8800 phone / (206) 903-8820 fax         </div> <div style="text-align: right;"> <b>Customer No. 27,076</b> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>           TYPED or PRINTED NAME <u>Edward W. Bulchis</u>            SIGNATURE <u><i>Edward W. Bulchis</i></u> </div> <div>           REGISTRATION NO. <u>26,847</u>            Date <u>September 11, 2003</u> </div> </div>			

# FEE TRANSMITTAL SHEET (FOR FY 2003)

**Complete if Known**

Express Mail No.	EL 646070300 US
Filing Date	Concurrently Herewith
First Named Inventor	Joseph M. Jeddeloh
Group Art Unit	Not Yet Assigned
Examiner	Not Yet Assigned
Atty. Docket Number	501321.01

**METHOD OF PAYMENT (Check One)**

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. ☒ Check Enclosed

**FEE CALCULATION**

**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
101	750	201	375	<input checked="" type="checkbox"/> Utility Filing Fee
106	330	206	165	<input type="checkbox"/> Design Filing Fee
108	750	208	375	<input type="checkbox"/> Reissue Filing Fee
114	160	214	80	<input type="checkbox"/> Provisional Filing Fee
<b>Subtotal (1)</b>				<b>\$750</b>

**2. EXTRA CLAIM FEES**

Current Claims	Prior	Extra	Fee	Fee Paid
Total	50	- 20	= 30 x \$ 18	= \$ 540
Ind.	9	- 3	= 6 x \$ 84	= \$ 504
Multiple Dependent Claims			x \$	= \$
<b>Subtotal (2)</b>				<b>\$ 1044</b>

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent Claim
109	84	209	42	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

**FEE CALCULATION (Continued)**

**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - Late filing fee or oath	\$
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	\$
147	2,520	147	2,520	For Filing a Request for Reexamination	\$
195	300	196	300	Publication (early or Republication)	\$
115	110	215	55	Extension for reply within first month	\$
116	410	216	205	Extension for reply within 2 <sup>nd</sup> month	\$
117	930	217	465	Extension for reply within 3 <sup>rd</sup> month	\$
118	1,450	218	725	Extension for reply within 4 <sup>th</sup> month	\$
128	1,970	280	985	Extension for reply within 5 <sup>th</sup> month	\$
120	320	220	160	Filing a brief in support of an appeal	\$
121	280	270	140	Request for oral hearing	\$
148	110	248	55	Terminal Disclaimer Fee	\$
140	110	240	55	Petition to revive - unavoidable	\$
141	1,300	241	650	Petition to revive - unintentional	\$
142	1,300	242	650	Utility/Reissue issue fee (+ advance copies)	\$
143	470	243	235	Design issue fee (+ advance copies)	\$
122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	Petitions related to provisional applications	\$
126	180	126	180	Submission of IDS	\$
581	40	81	40	Recording each patent assignment per property (times number of properties)	\$40
179	750	279	375	Request for Continued Examination (RCE)	\$
Other fee (specify)					\$
<b>Subtotal (3)</b>					<b>\$40</b>
<b>Total Amount of Payment:</b>					<b>\$1834</b>

**Submitted by:**

Name: Edward W. Bulchis

Reg. No.: 26,847

Telephone: (206) 903-8800

Signature: *Edward W. Bulchis*

Date: *Sept. 11, 2003*

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Joseph M. Jeddeloh                      Attorney Docket No.: 501321.01  
Filed : September 12, 2003  
Title : SYSTEM AND METHOD FOR ON-BOARD TIMING MARGIN TESTING OF  
MEMORY MODULES

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

MAIL STOP PATENT APPLICATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 646070300 US, on September 12, 2003, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

DORSEY & WHITNEY LLP



/ for West Courier

EWB:dms

Enclosures:

Postcard  
Check  
PTO/SB/05 Utility Patent Application Transmittal  
Application Data Sheet  
Fee Transmittal Sheet (+ copy)  
General Authorization  
Specification, Claims, Abstract (33 pages)  
3 Sheets of Drawings (Figures 1-3)  
Declaration  
Election and Power of Attorney  
Form PTO-1595  
Assignment

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Joseph M. Jeddeloh                      Attorney Docket No.: 501321.01  
Filed : Concurrently Herewith  
Title : SYSTEM AND METHOD FOR ON-BOARD TIMING MARGIN TESTING OF  
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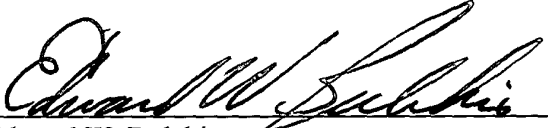
**GENERAL AUTHORIZATION**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

With respect to the above-identified application, the Commissioner is authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required and to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time and to charge any fees which may be required during the course of prosecution, or credit any overpayment, to Deposit Account No. 50-1266.

Date September 11, 2003

  
Edward W. Bulchis  
Registration No. 26,847

EWB:dms

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